

~~GUL'DERHAL'K, A.P.~~

Characteristics of the Hall effect transducers used in the investigation of electromagnetic processes in resistance welding equipment. Avtom. svar. 14 no.10:42-48 O '61. (MIRA 14:9)

1. Leningradskiy politekhnicheskiy institut imeni M.I. Kalinina.
(Hall effect) (Transducers)

Ant.TJHUL' R.A., inzh.; GUL'DENBAL'K A.F., kand.tekn.nauk; SIVOKHO, A.A.,
inzh.

Electric device of an automatic machine for welding two wire
leads with metallized resistor caps. Svar.proizv. no.12:33-34
D '64. (MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrcsvarochnogo
oborudovaniya.

GUL'DENBAL'K, A.P., kand. tekhn. nauk

In the International electrical engineering commission. Svar. proizv.
no.3845-46 Mr '65. (MIRA 18:5)

GUL'DENBAL'K, A.P.

Calculation of effective electric current values and power factors
of electric welding machines with ignitron breakers. Avtom.
svar. 18 no.4:38-41 Ap '65. (MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo
oborudovaniya.

GULDENBALK, V.V.

DECEASED

c1961

1962
14

SEE ILC

ELECTRICITY

I. G. GUL'DIN, A. V. BUSHINSKAYA, V. P. BARIKOVA and V. K. RUPPUL

"Electrolytic Production of Lead by Electrolytes of Fused Salts"

Gintsvetmet

report submitted at a conference on new methods of lead production from concentrates,
Gintsvetmet (State Inst. Non-Ferrous Metallurgy), Moscow 22-25 June 1956.

(for entire conf. see card for LIDOV, V. P.)

RAFALOVICH, Iosif Markovich, professor, doktor; RODE, Ye.Ya., doktor
tekhnicheskikh nauk, retsenzent; MIKHAYLENKO, A.Ya., kandidat
tekhnicheskikh nauk, retsenzent; GUL'DIN, I.T., redaktor; EL'KIND,
L.M., redaktor izdatel'stva; ISLAM'YEVA, T.O., tekhnicheskiy
redaktor

[Determining thermal and physical properties of nonferrous metals]
Opredelenie teplofizicheskikh svoistv materialov tsvetnoi metallurgii.
Moskva, Gos.nauchno-tekhnik.izd-vo lit-ry po chernoi i tsvetnoi metal-
lurgii, 1957. 110 p. (MLR4 10:10)
(Nonferrous metals)

78-3 3-43/47

AUTHORS: Gul'din, I. T., Dokukina, N. V.

TITLE: The System Aluminum-Magnesium-Iron-Silicon (Sistema alyuminiy-magniy-zhelezno-kremniy)

PERIODICAL: Zhurnal Neorganicheskoy Khimii, 1958, Vol. 3, Nr 3, pp. 799-814
(USSR)

ABSTRACT: In the refining of aluminum-alloys by the magnesium method aluminum and magnesium occur in the alloys as magnesium aluminide. The iron impurities in magnesium aluminide form iron aluminide and the silicon impurities - magnesium silicide. Magnesium aluminide and iron aluminide form a fusion diagram of an eutectic type which practically is in the magnesium-aluminide domain. The solubility of iron aluminide in liquid magnesium aluminide at a solidus temperature is equal to 0. With a rise of temperature the solubility of iron aluminide insignificantly increases and at 500°C it amounts to 0,2 %. Magnesium aluminide and magnesium silicide also form a limit type of the fusion diagram with primary crystallization of magnesium silicide.

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The System Aluminum-Magnesium-Iron-Silicon

silicide insignificantly increases and at 500°C it amounts to 0,7 %. In the simultaneous absence of iron aluminide and magnesium silicide up to 20 % magnesium-silicide-melt a simple fusion diagram forms. The solubility of iron aluminide and magnesium silicide in liquid magnesium aluminide increases at 500°C in the domain of the triangle in the direction of secondary crystallization. The maximum solubility of the intermetallides under these conditions amounts to about 0,9 % at a ratio iron-aluminide: magnesium-silicide = 1 : 3. The refining of aluminum by the magnesium method can also be performed with primary and secondary aluminum. The presence of 2 % zinc in the aluminum alloys does in refining not change the crystallization domains of magnesium aluminide and magnesium silicide and does not impair the solubility at low temperatures either. Only zinc dissolves in magnesium silicide and is separated in the distillation together with magnesium. The presence of 2 % manganese in the alloys during the process of refining does not change the crystallization domains of iron silicide and magnesium silicide either and does not influence the solubility at low temperature. Manganese enters into iron aluminide and is separated from magnesium aluminide in filtration. There

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78-3-3-43/47

The System Aluminum-Magnesium-Iron-Silicon

are 10 figures, 3 tables, and 5 references, which are
Soviet.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh
metallov
(State Scientific Research Institute for Nonferrous Metals)

SUBMITTED: June 25, 1957

Card 3/3

PHASE I BOOK EXPLOITATION SOV/2216

5(4)

GULDIN

KAGANOVICH

Seveshchaniye po elektrokhimi. 4th Moscow, 1956.

Trudy...i [bornit] (Transactions of the Fourth Conference on Electrochemistry; Collection of Articles) Moscow, Izd-vo AN SSSR, 1959. 863 p. Errata slip inserted. 2,500 copies printed.

Sponsoring Agency: Akademicheskaya Nauk SSSR. Oddeleniye Khimicheskikh Nauk.

Editorial Board: A.N. Pruzhkin (Resp. Ed.), Academician, O.A. Yeslina, Professor; S.I. Zhdanov (Resp. Secretary), B.M. Kabanov, Professor; R.V. Isa, M. Kotlyrkin, Doctor of Chemical Sciences; V.V. Dosev, Professor; Lukurov, Professor; T.A. Solov'yova, V.V. Stenber, Professor; and U.N. Pirozhnikovich, Ed., or Publishing House: N.G. Yegorov, Tech. Ed.; T.A. Prusakova.

PURPOSE: This book is intended for chemical and electrical engineers, physicists, metallurgists and researchers interested in various aspects of electrochemistry.

COVERAGE: The book contains 127 of the 138 reports presented at the Fourth Conference on Electrochemistry sponsored by the Department of Chemical Sciences, the Institute of Physical Chemistry, Academy of Sciences, USSR, and the Institute of Physical Chemistry, branches of electrochemical kinetics, double layer theories and galvanic processes in metal electrodes and industrial electrolysis. Abstracted discussions are given at the end of each division. The majority of reports not included here have been published in periodical literature. No personalities are mentioned. References are given at the end of most of the articles.

Smirnov, M.V., and L.D. Yasina (Izdatel'stvo AN SSSR-Ural Branch, Academy of Sciences, USSR). Cathode Processes During the Precipitation of Thorium From Pulsed Electrolytes 343

Guldin, I.M., and A.V. Buriannikova (Gosudarstvennyy nauchno-issledovatel'skiy in-t po radiofizike i radiohemii, Sverdlovsk). Scientific Research Institute of Nonferrous Metals (Sverdlovsk). Mechanism of the Reduction of Sodium from Suspensions in Pulsed Mixtures of Magnesium and Sodium Chlorides at a Liquid-Lead Cathode 352

Panchenko, I.D. [Institut obshchey i neorganicheskoy khimii AN USSR-Institute of General and Inorganic Chemistry, Academy of Sciences, UkrSSR]. Equation for a Polaronic Wave at Solid Electrodes in Pulsed Salts 355

Chernik, E.O. (Aviationskiy institut Kuybyshev-Aviation Institute, Kuybyshev). Some Problems of the Polarography of Pulsed Electrolytes 358

Vaynshteyn, S. Ye., and V.L. Khayfets (Gosudarstvennyy institut Card 15/34

po proektirovaniyu predpriyatiy nikel'evoy promishlennosti. State Institute for the Planning of Enterprises of the Nickel Industry) Decomposition Voltage and Properties of Slides Used in Nonferrous Metallurgy 362

Discussion [V.P. Mashovets and contributing authors] 365

PART V. THE ELECTRODEPOSITION OF METALS

Kazantsev, R. (Fizicheskiy in-t im. A.S. Kirova, Sverdlovsk). Physical Institute of the Sverdlovsk Academy of Sciences. Spiral Growth and Overvoltage During the Electrocristallization of Silver 371

Bokhvar, J.O.M., U.M.I., and B.E. Conway [U.S.A.]. Determination of Faraday Impedance at Solid Electrodes and Phases Which Determine Rate During the Electrodeposition of Copper 380

Varganyan, A.T. Nonhomogeneity of an Electrode Surface and

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the Mechanism of the Electrodeposition of Metals 395

Polukarov, Yu. M., and K.M. Gorbunova (Institute of Physical Chemistry, Academy of Sciences, USSR). Some Theoretical Considerations on the Electrodeposition of Zinc 396

5.1310

77-3-
SOV 80-33-2-20/52*

AUTHORS: Gul'din, I. T., Buzhinskaya, A. V., Barseg'yan, V. P., Rappoport, V. K.

TITLE: Electrolysis of Lead Concentrates in Molten Salts

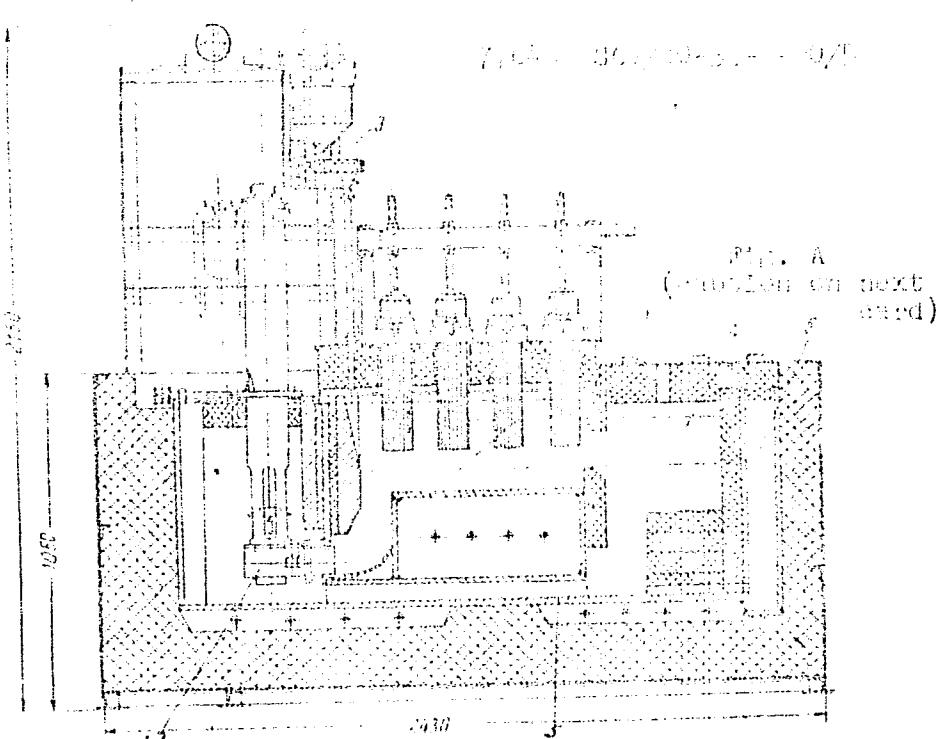
PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol. 33, No. 2, pp 378-383 (USSR)

ABSTRACT: The authors developed and tested an electrolyzer for electrolysis of galenite in molten equimolar mixture of sodium and potassium chlorides. The mechanism of the process was studied earlier (Gul'din, I. T., Buzhinskaya, A. V., Transactions of 4th Conference on Electrochemistry at the Academy of Sciences, USSR in 1959). The electrolyzer is shown in Fig. A.

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Electrolysis of Lead Concentrates in Molten Salts

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Fig. A. Schematic diagram of the electrolyzer.
(1) Cathode (continuously flowing liquid lead); (2) centrifugal drowned pump; (3) feeder for mixture of liquid concentrate and molten electrolyte; (4) receiving tank; (5) canal for return of the circulating metal to the pump); (6) outlet canal for the generated metal. (Abstracter's Note: No units for the dimensions shown are given in the article.)

At present, a modified scheme is used, constructed for 1,500 amperes. From 750 to 1,500 amp (1,040 amp average) were used, depending upon the voltage and temperature. It had 4 graphitized anodes of 100 mm diam and a flowing lead cathode with a surface area of about 1,500 cm². The voltage was varied from 7 to 11 v. Temperature of electrolyte was 690-730°. Separation of metal from the slime takes place in receiver 4, from which the floating slime is unloaded

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with a scumming pan. The slime is leached with water (to dissolve the electrolyte salts which then are regenerated by evaporation of water), screened for lead spatters, and passed through a cyclone-type separator ("hydrocyclon") for additional separation of metallic sand and beads. The tailings are further separated on the concentration table. Anodic sulfur is burned in the receiver to SO_2 , which is removed by forced draft. Lead yield is 96-97%. Tables 1 and 2 give detailed yield data for the process. Metallic ingredients more electro-positive than lead (gold, silver, and bismuth) are reduced and generated along with the lead, while iron, copper, zinc, cadmium, and other metals and oxides are left in the slime. For increased yields of lead, zinc, and other metals, the authors recommend roasting the slime at 500° in a chlorinating atmosphere (before leaching) with subsequent leaching with a weakly acid (3 g/l

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Electrolysis of Lead Concentrates in Molten
Salts

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Table 1. Balance of lead in production of lead from sulfide concentrate by electrolysis in molten salts.
(1) Material; (2) quantity (kg); (3) content of lead; (4) in %; (5) in kg; (6) distribution (%); (7) expenditure; (8) concentrate; (9) electrolyte; (10) total; (11) yield; (12) Metal--in form of: (13) ingots; (14) spatters; (15) sand and beads from the hydrocyclone; (16) table concentrates; (17) waste products--in form of : (18) intermediates; (19) table tailings; (20) table slime; (21) deviation.

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Table on Card 6/9 .

Electrolysis of Lead Concentrates in Molten
Salts

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1	2	3		6
		4	5	
7				
8	832.0	71.76	597.0	100
9	156.0	—	—	—
10	—	—	597.0	100
11				
12	—	—	578.20	96.866
13	—	—	528.0	88.5
14	23.66	81.7	10.35	3.24
15	34.4	75.8	26.4	4.316
16	8.32	59.1	4.84	0.81
17	173.82	—	19.08	3.196
18	3.57	16.6	0.59	0.099
19	2.15	13.4	0.29	0.049
20	168.1	10.8	18.2	3.048
	—	—	-0.37	--0.082
Card 6/9	10	—	597.0	100

Electrolysis of Lead Concentrates in Molten
Salts

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Table 2. Chemical composition of starting, intermediate, and final products in production of lead from its concentrate by electrolysis in molten salts in a semi-plant electrolyzer. (a) Products; (b) chemical composition (in %); (1) concentrate; (2) lead; (3) sands from the hydrocyclone; (4) table concentrate; (5) table intermediates; (6) table tailings; (7) table slime.

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Table 2 on next card.

Electrolysis of Lead Concentrates in Molten Salts

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Table 2.

Q	b													S
	Pb	Fe	Cu	Zn	Bi	Sb	As	Sn	Cd	Ag	Cu	Mn	SiO ₂	
1	71.75	3.60	0.32	2.96	0.03	0.05	0.02	0.02	0.02	0.18	0.98	1.3	16.98	
2	99.85	—	0.041	0.001	0.002	0.031	0.001	0.001	—	0.054	—	—	—	
3	75.8	15.19	0.12	1.03	0.04	0.004	0.006	not found	0.002	0.01	0.01	0.01	0.07	
4	59.1	19.66	0.17	2.64	0.03	0.014	0.006		0.001	0.01	0.01	0.01	0.31	
5	16.6	20.34	0.36	7.84	0.008	0.005	0.005	—	0.02	0.01	0.01	0.01	8.27	
6	13.35	15.41	0.59	6.81	0.006	0.005	0.005	—	0.02	0.01	0.01	0.01	6.72	
7	10.8	16.2	0.94	9.47	0.006	0.006	0.003	—	0.02	0.01	0.01	0.01	16.43	

of H₂SO₄) solution, followed by leaching in solution of chlorides. Copper and cadmium are precipitated by cementation and zinc by hydrolysis of the acidic solution, while lead, precipitated from the latter solution, is returned to the electrolyzer as lead

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Electrolysis of Lead Concentrates in Molten
Salts

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sulfate. Electrolyte composed from sodium chloride and sulfate was tested. It has advantages in cost and safety: With no KCl, less power is used due to higher electric conductivity; and no free chlorine is evolved on the anode in starting the electrolyzer and in case of accidental interruption in feed. There are 1 figure; 2 tables; and 6 references, 2 Soviet, 1 German, 2 U.K., 1 U.S. The U.K. and U.S. references are: C. B. Richardson, Bl. Inst. Min. and Metall., December 1936, January, August 1937; A. W. Schlechten Eng. and Min. J., 150, 112-116 (1949); B. R. Njhawen, Eastern Met. Rev., 111, 27, 636 (1955).

SUBMITTED: January 26, 1959

Card 9/9

GUL'DIN, I.T.; BUZHINSKAYA, A.V.; BESOLOV, A.F.

Preparation of calcium babbitts and addition alloys by the
electrolysis of fused salts on a movable lead cathode. TSvet.
met. 33 no.6:61-69 Je '60. (MIRA 14:4)

1. Gintsvetmet.
(Babbit metal) (Electrometallurgy)

GUL'DIN, I.T.; BUZHINSKAYA, A.V.

Wettability of some minerals by lead under a layer of fused
salts. Zhur. prikl. khim. 33 no.11:2603-2606 N '60.

(MIRA 14:4)

(Lead)

GUL'DIN, I.T.; YEGOROV, A.M.; BUZHINSKAYA, A.V.

Decomposition voltage of natural sulfides of some metals and of sodium sulfide in fused salts. Zhur. prikl. khim. 34 no. 12:2674-2680 D '61.
(MIRA 15:1)

(Sulfides) (Electromotive force)

GUL'DIN, I.T.; BUZHINSKAYA, A.V.; DAVYDOV, A.M.

Simultaneous recording of thermograms and polutharms of electric conductance of a melt on a Ternakov pyrometer. Zhur. neorg. khim. 8 no.8:1995-1997 Ag '63. (MIRA 16:8)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh metallov, Moskva.
(Fused salts—Electric properties) (Pyrometry)

KAPLAN, Grigoriy Yeremeyevich; SILINA, Galina Fedorovna; OSTROUSHKO,
Yuriy Ivanovich; GUL'DIN, I.T., red.; MISHARINA, K.D.,
red.izd-va; GINZBURG, R.Ya., tekhn. red.

[Electrolysis in the metallurgy of rare metals] Elektroliz
v metallurgii redkikh metallov. Moskva, Metallurgizdat,
1963. 360 p. (MIRA 17:3)

UD 108, 1970/47MSKAYA, A.V.

Potentials of the cathodic decomposition of heavy metal sulfides
in fused salts. Znur. prikl. khim. 37 no.10:2349-156 0 164.

(MERA 17:11)

GUL'DIN, I.T.; BUZHINSKAYA, A.V.

Anodic process during the discharge of sulfate ions from fused salts
on a carbon anode. Elektrokhimiia 1 no.6:716-719 Je '65. (MIRA 18:7)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh metallov.

GUL'DIN, I.T.; BUZHINSKAYA, A.V.

Study of the reciprocal system Na, K || Cl, SO₄ by the
methods of thermal analysis and electroconductivity. Zhur.
prikl. khim. 38 no.4:778-786 Ap '65. (MIRA 18:6)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh
metallov.

MONAKHOV, Ye.A.; GUL'DIN, N.I.

The 2K73, 2K88 and 2K89 pipe-finishing machines. Biul.tekh.-ekon.
inform. no.7:45-47 '61. (MIRA 14:8)
(Machine tools)

GUL'DINA, Ye. I. Cand. Chem. Sci.

Dissertation: "The Determination of Beryllium in the Presence of Fluorides and Silicofluorides." Moscow Order of Lenin State U imeni M. V. Lomonosov, 11 Jun 47.

SO: Vechernaya Moskva, Jun, 1947 (Project #17836)

Analysis of ferrocolumbium. E. I. Gol'dina, T. A. Uspenskaya and Yu. A. Chernikov. Zashchitnaya Lab., No. 5(10) 7 (1960).—On the basis of literature and exp. data procedures are described for the analysis of Fe-Cb including the data of Cb, Ta, Ti, Sn, Al and Si. Detn. of Si by fusing with alkali bisulfate is not recommended because of large losses. Instead, treat 0.5-1.0-g. sample with 6 ml concd. HNO₃ and then with 20-25 ml. concd. H₂SO₄. Continue heating until Si is liberated continuously. Cool, add 200-250 ml. antd. NH₄ oxalate, heat to dissolve sulfates, filter, wash with hot 1% H₂SO₄ contg. 5 g. oxalic acid/l., then with hot water and ignite. B. Z. K.

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CA

—JL'DINH, Y.C.J.

PROCEDURE AND PROPERTIES INDEX

Rapid method for determining zirconium. T. A. Uspenskaya, E. I. Gujdina and M. S. Zverkova. *Zaradzhivayushchaya Lab.*, 9, 142-5 (1960). - Treat 0.2 g. of Fe-Zr alloy with 15-20 ml. of concd. HCl, heat gradually and add 3% H_2O_2 as necessary to dissolve the alloy. Evap. of excess HCl, dissolve the moist residue in 25 ml. of 2.5 N HCl and reduce the Fe^{+++} with Sn while boiling. Transfer to a 100-ml. cylinder, dil. to 70 ml., add 1.5 ml. of 0.03% alizarin soln. and titrate after 5 min. with 0.1 N NaF until a yellow-pink color. Into another cylinder pour 20 ml. of 2.5 N HCl, 1.5 ml. of 0.03% alizarin, 5 ml. of $FeCl_3$, dil. with water to 50 ml. and add the same amt. of 0.1 N NaF as was used above. Titrate to the same color as the test soln. with a soln. contg. 7 g. $ZrOCl_2 \cdot 8H_2O$ per l. water.

B. Z. Kamich

A10-110 METALLURGICAL LITERATURE CLASSIFICATION

160080 74

160080 447 000 385

160080 447 000 385

CH - SUDINH, (S.I.)

Volumetric determination of beryllium and silicon in complex fluorides. Yu. A. Chernikov and L. I. Gulyina
Zurabinsk Lab. 4, 487-90 (1955). The modification of the

method of Zvenigorodskaya and Galova (C. R. 26,
5775) makes possible the titration of Be in NaBeF_4
in acid solns, and in the presence of H_2SiO_4 salts. The
method is based on the different chem. stabilities of the
complexes BeF_6^{2-} and SiF_6^{2-} . In a mixt. of NaBeF_4
with little NaSiF_6 , det. SiO_2 by adding to the soln. CaCl_2
and titrating with 0.5 N NaOH with methyl orange as
indicator. Det. Be in the same soln. by dilg it to 250 cc
and titrating with phenolphthalein as indicator first in
the cold and then with heating. In mixts. of NaBeF_4
with considerable NaSiF_6 , det. SiO_2 as above in sep.
solns., and Be by filtering off the K^2SiF_6 pptd. with KCl ,
adding CaCl_2 and titrating first the traces of NaSiF_6
and then Be as above. For the detn. of Be in BeO ,
 MgO , dissolve 2.5 g. sample in 10-15 cc. of 50% HCl,
filter, add CaCl_2 , neutralize with NaOH to methyl
orange and titrate Be as above.

Chas. Blane

SECRET *7E*
GULDINA, E. I., KOGAN, R. E.

Remote results of cautery of pleural adhesions in ineffective pneumothorax. Probl. tuberk., Moscow No. 3, May-June 50, p. 42-6

1. Of Moscow Municipal Scientific-Research Tuberculosis Institute (Director—Prof. V. I. Eynis) and of the No. 8 Tuberculosis Dispensary (Head—Honored Physician RSFSR Ya. N. Gimmel'stirb).

CLML 19, 5, Nov., 1950

GUL'DINA, Ye. I., NEZLIN, S.Ye.

Dynamics of the excretion of bacilli in tuverculosis from 1954-1957
[with summary in French]. Probl.tub. 36 no.3:3-7 '58 (MIRA 11:5)

1. Iz Protivotuberkuleznogo dispansera No.8 (Moskva) (glavnnyy
vrach Ya.M. Gimmenl'farb).
(TUBERCULOSIS, statist.
in Russia (Rus))

BLAZHKIN, A.T., doktor tekhn. nauk. prof.; BESEKERSKIY, V.A.,
doktor tekhn. nauk. prof.; AZIMOVA, K.F., kand. tekhn.
nauk, dots.; LANSKOV, V.D., kand. tekhn. nauk, dots.;
FABRIKANT, Ye.A., kand. tekhn. nauk, dots.; GUL'DIN,
Yu.V., inzh. MEYERSON, I.G., dots.. kand. tekhn. nauk, dots.,
retsenzent. FROLOV, B.K., red. "

[General electrical engineering] Obshchaya elektrotehnika.
Moskva, Energiia, 1964. 655 p. (MIRA 17:12)

1. Prepodavatel' Leningradskogo mekhanicheskogo instituta
(for Blazhkin, Besekerskiy, Azimova, Lanskov, Fabrikant,
Gul'din).

ROZENFEL'D, D.B.; GOLUBINSKAYA, K.P.; ZHURAVLEVA, N.M.; SEMENOVA, I.P.;
RYURIKOVA, L.N.; GUL'DYASHEVA, T.A.

Rapid laboratory diagnosis of colienteritis with the use of TTC
bouillon. Lab. delo 10 no.4:234-236 '64. (MIRA 17:5)

1. Sanitarno-bakteriologicheskiye laboratorii sanitarno-epidemiolo-
gicheskikh stantsiy Podol'ska, Noginska, Klina, Zagorska, Pushkino
Moskovskoy oblasti.

GULE, Vilem; SHPATSOVA, Z., [translator]; DERER, Ladislav, akademik,
nauchnyy red.

[Hematological atlas] Gematologicheskii atlas. Bratislava, Izd-
vo Slovatskoi Akad. nauk, 1961. 185 p. (MIRA 16:2)
(HEMATOLOGY--ATLASES)

GULEJA, Karel

Present conditions and outlook of automation of CO₂ welding in
Czechoslovakia, and its economy. Automatizace 4 no.12:360-362 D '61.

1. Vyzkumny ustav zvaracsky, Bratislava.

(Welding)

GULEJA, K. (Bratislava)

Present conditions and economy of welding in CO₂, and the outlook.
Strojirenstvi 11 no.11:857-859 N '61.

(Welding)

GULEJA, Karol

~~Solution of difficulties in manufacturing and delivery of
the wire for CO₂ shield welding. Zvaranie 12 no.10:299-300
0 '63.~~

1. Vyskumny ustav zvaracsky, Bratislava.

GULEJA, Karol

Problems of unsuring protection and industrial safety in
welding. Zvaranie 12 no.10:303-304 0 '63.

1. Vyskumny ustav zvaracsky, Bratislava.

GULEJA, Karol

Use of the resistance welding press VUS-250 in the automobile industry. Automobil 6 no.12:382 D '62.

GULEJA, Karol

Following the appeal of the Central Committee of the
Communist Party of Czechoslovakia for saving metals by
hard facing. Uhli 5 no.11:394-395 N '63.

1. Vyskumny ustav zvaracsky, Bratislava.

GULEJA, Karol

Saving metal and labor in the renovation of parts. Zadn
org 18 no.12:557-559 D '64.

1. Research Institute of Welding. Bratislava.

GULEJA,K. (BRATISLAVA); CHVOSTIK, A. (Bratislava)

Renovation of worn parts of brick machines. Stavivo 42 no.4:
144-145 Ap '64

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617310013-9

SKOKNA, inz.; HRABOVEC, inz.; GULEJA, K.

A successful conference on the working conditions of welders.
Podn org 19 no.2:84-85 F '65.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617310013-9"

GULEMIN, E.M.; GORDON, S.M.

Determining runoff coefficients in sections of Tajikistan
rivers which have not been studied. Izv.Otd.est.nauk AN
Tadzh.SSR no.2:59-65 '58. (MIRA 13:4)

1. Otdel energetiki AN Tadzhikskoy SSR.
(Tajikistan--Rivers)

GULEMIN, S.M.

Potential water power resources of southern Tajikistan. Trudy
Otd. energ. AN Tadzh. SSR 1:79-85 '60. (TICA 14:2)
(Tajikistan—Water power)

MIROSHENKO, Svyatoslav Stepanovich; GULEMIN Nikolay Mikheyevich; TIKHONOV, N.V., kandidat tekhnicheskikh nauk, retsenzent; VORONIN, L.N., gornyy inzhener, retsenzent; VAYNBERG, P.B., gornyy inzhener, retsenzent; SMOLDYRSV, A.Ye., redaktor; ATTOPOVICH, M.K., tekhnicheskiy redaktor

[Operator of the PML loading machine; tekhtbook for industrial and technical instruction of workers] Meshinist pogruzochnoi mashiny PML; uchebnoe posobie dlia proizvodstvenno-teknicheskogo obuchenia rabochikh. Moskva, Gos.suchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1957. 190 p. (MLRA 10:13)
(Mining machinery)

KUZNETSOV, G.A.; ZIL'BERMAN, Ye.A.; GULENKO, A. I.; VOROTYAGIN, I.V., insh.

Pay more attention to crop rotations. Zemledelie 8 no.12:25-29 D
'60. (MIEA 13:11)

1. Moskovskiy institut zemleustroystva (for Kuznetsov and Zil'berman).
2. Nachal'nik Pavlodarskoy zemleustroitel'noy ekspeditsii (for Gulenko).
(Rotation of crops)

GULENKO, A. V. (Khar'kov)

Prognostic value of studying nonhemoglobin iron in the blood
plasma in some infectious diseases. Klin. med. 40 no.7:62-65
J1 '62. (MIRA 15:7)

1. Iz kafedry infektsionnykh bolezney (zav. - dotsent S. I.
Flancik) Ukrainskogo instituta usovershenstvovaniya vrachey
(rektor - dotsent I. I. Ovsyienko)

(IRON IN THE BODY) (COMMUNICABLE DISEASES)

GULENKO, D.; NEKRASOV, N.

Expenditures of labor have been reduced by 11.2 %. Avt. dor.
23 no.5:5-6 My'60. (MIRA 13:10)
(Road construction--Labor productivity)

DENISOV, Ye.M.; GULENKO, D.P.

Extension for the D-1813 bitumen spreader. Avt.dor. 22
no.11; 19-20 N '59. (MIRA 13:2)
(Road machinery)

NEKRASOV, N., inzh.; GULENKO, D., inzh.

Labor productivity has been increased by 11.3 per cent.
Avt.dor. 23 no.1:15 Ja '60. (MIRA 13:5)
(Labor productivity) (Road construction)

GULENKO, G.B.

Water test model distribution of depth doses from the telecurie apparatus using radioactive cobalt. A.M. Voinov, G.B. Guleenko, E.M. Isaev, U.IA. Margulis. Vest. rent. i rad. No. 4:53-61 Jl-Ag '53.

VOINOV, A.M.; GULENKO, G.B.; ISAYEV, B.M.; MARGULIS, U.Ya.

[Distribution of deep-seated telecurietherapeutic doses due to radioactive cobalt in a water-filled phantom] Raspredelenie glubinnykh doz v vodnom fantome ot telekiuriustanovki, zariazennoi radioaktivnym kobal'tom. Moskva, Medgiz, 1955. 9 p.
(COBALT--THERAPEUTIC USE) (MIRA 11:4)

GOL'DFARB, E.M., kand. tekhn. nauk; GESKIN, E.S., inzh.;
GOL'DBERG, A.S., inzh.; GULENKO, G.V.

Applying the principle of control by perturbation for open-hearth furnace control systems. Stal' 23 [i.e. 24] no.4:372-374 Ap '64.
(MIRA 17:8)

1. Dnepropetrovskiy metallurgicheskiy institut i Ukrainskiy
gosudarstvennyy proyektyny institut "Metallurgavtomatika".

VANTIN, A.L.; GIL'MAN, S.M.; GOL'DBERG, A.S. (deceased); CULENKO, G.V.;
RAVDEL', A.M.

Experience in the use of EAUS regulators in the automation of
the thermal operation of a Martin furnace. Avtom. i prib.
no.1;7-9 Ja-Mr '65. (MIRA 18:8)

GULENKO, Nikolay Nikolayevich, inzhener, laureat Stalinskoy premii;
TSULANOV, F.P., redaktor; YUDZON, D.M., tekhnicheskiy redaktor

[Machines for the repair and upkeep of railroad beds] Mashiny
dlia remonta i soderzhania zemlianogo polotna. Moskva, Gos.
transp. zhel.-dor. izd-vo, 1955. 94 p. (MIRA 8:6)
(Railroads--Equipment and supplies)

GULENKO, N.N., inzhener; GORA, V.Ye., inzhener.

Powerful snow removal machinery. Zhel. dor. transp. 38 no.
11:49-55 N '56. (MLRA 9:12)

(Railroads--Snow protection and removal)

GULENKO, N.N., inzh.

New car-washing unit. Zhel. dor. transp. 41 no.1:84-85 Ja '59.
(MIRA 12:1)

(Railroads--Equipment and supplies)
(Railroads--Cars--Maintenance and repair)

GULENKO, N.N., inzh.

Hydraulic ballast tamper. Put' i put.khoz. 4 no.8:47 Ag '60.
(MIRA 13:?)

(Austria--Railroads--Equipment and supplies)
(Ballast (Railroads))

GULENKO, N.N.

The DG freight motorcar. Biul.tekh.-ekon.inform. no.8;62-64 60.
(MIRA 13:9)
(Railroad motorcars)

GULENKO, N.N.

New TGK-150 motor locomotive. Put' i put.khos. 4 no.9:31-32 S '60.
(MIRA 13:9)
(Railroad motorcars)

GULENKO, Nikolay Nikolayevich; GORA, Viktor Yefifanovich; ALESHIN, V.A.,
kand. tekhn. nauk, retsenzent; CHLENOV, M.T., kand. tekhn. nauk,
retsenzent; KHABAROV, V.P., inzh., retsenzent; ABRAGAM, S.R., inzh.,
red.; BOBROVA, Ye.N., tekhn. red.

[Track machinery and mechanisms] Putevye mashiny i mekhanizmy. Mo-
skva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniya,
1961. 319 p. (MIRA 14:8)
(Railroads--Equipment and supplies) (Railroads--Track)

GULENKO, N.N.

We shall replace manual labor by machines. Put' i put.khoz. 5
no.12:9 D '61. (MIRA 15:1)

1. Nachal'nik proyektno-konstruktorskogo byuro Glavnogo upravleniya
puti.

(Railroads--Maintenance and repair)

GULENKO, N.B.

New coloring for track machinery. Put' i put. khoz. 8 no.10:
25-26 '64. (MIPA 17:12)

I. Nachal'nik PTKB Glavnogo upravleniya put' i soobshcheniya Ministerstva putey soobshcheniya.

GULENKO, N.N.

Bring the track maintenance and repair machines to the
level of world standards. Put' i put. khoz. 9 no.11:6-8
'65. (MIRA 18:11)

1. Nachal'nik Proyektno-konstruktorskogo i tekhnologicheskogo
byuro Glavnogo upravleniya puti i sooruzheniy Ministerstva
putej soobshcheniya.

GOLUBEV, Nikolay Aleksandrovich [Holubiev, M.O.]; LEVITSKAYA, G.P.
[Levyts'ka, H.P.], red.; GULENKO, O.I.[Hulenko, O.I.],
tekhn. red.

[Mechanization of the preparation and placement of manure-
soil composts] Mekhanizatsiia vyhotovleniya ta vnesennia
hnoiezemlianykh kompostiv. Kyiv, Derzhsil'hospvydav URSR,
1963. 48 p. (MIRA 17:3)

NAGORNYY, A.G. [Nahornyi, A.H.], red.; GULENKO, O.I. [Hulenko, O.I.],
tekhn. red.

[Auxiliary branches in agricultural production] Pidsobni
haluzi s.-h. vyrabmytstva. Kyiv, Derzh. vyd-vo sil's'ko-
hospodars'koi lit-ry URSR, 1961. 471 p. (MIRA 15:3)
(Ukraine--Agriculture)

EDEL'SHTEYN, Il'ya Vladimirovich; FILIPCHENKO, Vladimir Vasil'yevich;
SKRIPNIK, P.S. [Skrypnyk, P.S.], red.; GULENKO, O.I.
[Hulenko, O.I.], tekhn. red.

[Establishing norms and planning the working capital of a
collective farms] Normuvannia i planuvannia oborotnykh ko-
shtiv kolhospu. Kyiv, Derzhsil'hospvydav URSR, 1962. 88 p.
(MIRA 16:12)

(Collective farms--Finance)

PUGACH, Anton Nikolayevich [Puhach, A.M.]; DOBROVOL'SKIY, O.A.,
[Dobrovols'kyi, O.A.], red.; GULENKO, O.I.[Hulenko,
O.I.], tekhn. red.

[Specialization in the production of pork on the "Maiak"
Collective Farm] Spetsializatsiya vyrabnytstva svynyny v
kolhospi "Maiak." Kyiv, Derzhsil'gospvydav URSR, 1962.
13 p. (MIRA 17:1)

1. Predsedatel' kolkhoza "Mayak" Vinnitskogo rayona Vin-
nitskoy oblasti (for Pugach).

L 06584-67 EWP(k)/EWT(d)/EWP(h)/EWP(l)/EWP(v)

ACC NR: AP6011288

SOURCE CODE: UR/0378/66/000/001/0072,0078

36

B

AUTHOR: Yermol'yev, Yu. M.; Gulenko, V. P.

ORG: none

TITLE: Numerical methods of solving optimal control problems

SOURCE: Kibernetika, no. 1, 1966, 72-78

TOPIC TAGS: optimal automatic control, computer programming, difference equation .

ABSTRACT: This article primarily illustrates the capabilities resulting from analysis of difference analogs in optimal control problems as a specific problem in mathematical programming. The time spent on development of numerical methods for solution of the continuous variants of optimal control problems is termed unjustified, since the differential equations are usually replaced by difference equations in the numerical solution. The discrete variant is suggested as a more natural one, although the accuracy of approximation thus produced is open to question. Optimal control problems can then be analyzed as the limit in the sequence of finite-dimensioned problems of mathematical programming. It is shown that if the ordinary ideas of mathematical programming are applied to the difference analogs, specific results can be obtained for specific problems. The methods of solving the problem under phase limitations, problems of control by a complex of interconnected systems (centralization and decentralization problems)

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and problems of duality then become quite clear. The principle results of the work were given at a seminar on economic cybernetics and operations research which was held in March, 1965. Orig. art. has: 48 formulas.

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SUB CODE: .13,12,09/ SUBM DATE: 290ct65/ ORIG REF: 004/ OTH REF: 001

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Card 2/2

KONOVALOV, N. Ye., inzh.; GULENKO, V.P., inzh.

Digital modeling by electronic computer of a locality for surveying. Transp. stroi. 13 no.1:41-42 Ja '63 (MIRA 18:2)

GULENKOV, V.S., inzh.

Concrete industry. Energ. stroi no.39:36-42 '64. (MIRA 17:11)

KISELEV, G.A., kand. tekhn. nauk, dotsent; GULENKOV, V.Yu., inzh.;
LEBEDEV, V.M., inzh.

Investigating the design of miniature oil-hydraulic power
heads. Izv. vys. ucheb. zav.; mashinostr. no.6:172-177 '65.
(MTRA 18:8)

GAR, K.A.; GULENKOVA, L.P.

Selection and evaluation of preparations for controlling the
Colorado beetle. [Trudy] NIUIF no.164:6 '59. (MIRA 15:5)
(Insecticides)

ACC NR: AP6035714 (An) SOURCE CODE: UR/0413/66/000/019/0061/0061

INVENTOR: Berkovich, M. Ya.; Gulerman, V. S.; Levinson, L. M.; Matyushin, P. N.; Popov, V. A.

ORG: none

TITLE: UM-1 lubricating grease. Class 23, No. 186598

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 61

TOPIC TAGS: lubricant, low temperature lubricant, antioxidant additive, diphenylamine, grease/UM-1 grease

ABSTRACT: An Author Certificate has been issued for UM-1 lubricating grease made from mineral oil, cerezin, and an antioxidant additive. To increase the low-temperature properties of the grease, vinyl cyclohexane is suggested as an additional ingredient. Diphenylamine is used as the antioxidant additive.

[NT]

SUB CODE: 11/SUBM DATE: 01Jul65/

Card 1/1

UDC: 621.892.5.621.892.091

. USSR/Plant Diseases - Diseases of Cultivated Plants.

0

Abs Jour : Ref Zhur Biol., No 1, 1959, 1983

Author : Guletskaya, Ye.G.

Inst : Belorussian University

Title : Some Data Concerning the Parasitic Fungus of Grains

Orig Pub : Uch. zap. Belorussk. un-t., 1957, vyp. 33, 95-98

Abstract : Investigations explaining the development cycle of Erysiphe graminis were conducted from May to September of 1952 - 1953 in Minskaya and Molodechnenskaya Oblasts. It was established that the annual cycle of development of E. graminis depended on meteorological conditions. Thus, in a cool summer after the vegetative period the fungus did not progress to a complete cycle of development, spores did not mature in the pouches in the fall, and the fungus hibernated in the form of fertile bodies.

Card 1/2

- 5 -

USSR/Plant Diseases - Diseases of Cultivated Plants.

0

Abs Jour : Ref Zhur Biol., No 1, 1959, 1983

In years with favorable climatic conditions a complete cycle of development transpired with formation and complete maturity of the ascocycetous stage, and hibernation of the fungus occurred in the form of mycelia. -- G.A. D'yakova

Card 2/2

GULETSKAYA, Ye. G.: Master Biol Sci (diss) -- "The main diseases of corn under the conditions of the Belorussian SSR and the development of means to combat them". Minsk, 1958. 19 pp (Beloruss State U im V. I. Lenin), 150 copies (KL, No 7, 1959, 123)

GULETSKIY, N.Ya.; SHCHUKIN, M.I.

Lung resection in tuberculous children and adolescents. Zdrav.
Bel. 9 no.8-38-39 Ag'63 (MIRA 17:3)

1. Iz legochno-khirurgicheskogo otdeleniya (zav. - otdeleniyem
N. Ya. Guletskiy) Belorusskogo respublikanskogo tuberkuleznogo
sanatoriya "Novoyel'nya" (glavnnyy vrach Ye.S. Khursanov).

JONTSCHEV, V.; GULEV, A.

On the problem of mental disorders in chronic ear diseases.
Folia med. (Plovdiv) 7 no.2:122-128 '65.

1. Hohes Medizinisches Institut "I.P. Pavlov" zu Plovdiv,
Bulgarien, Lehrstuhl für Psychiatrie Stellvertr. Leiter
Prof. I. Vaptzarov) und Lehrstuhl für Hals-, Ohren- und Na-
senkrankheiten (Stellvertr. Leiter: Dozent E. Koen).

AUTHORS: Glazunov, M. P., Gulev, B.F. SOV/48-22-8-7/20

TITLE: Investigation of the Radiation From Eu¹⁵⁵ (Issledovaniye izlucheniya Eu¹⁵⁵)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya fizicheskaya, 1958,
Vol. 22, Nr 8, pp. 941 - 944 (USSR)

ABSTRACT: A study of the β - and γ -spectra of Eu¹⁵⁵ is of interest from theoretical as well as from practical considerations. The odd-even nucleus of Eu¹⁵⁵ is a transition nucleus between the spherical and the deformed nuclei. Hence an investigation of the γ -transitions, a determination of the multipole order and of the relative intensities of the conversion lines should come in usefully in the study of the nuclear model. The low energy of the γ radiation and a relatively long half-life permit to utilize Eu¹⁵⁵ as a source of soft γ -radiation in the detection of defects in metals and in medicine. Eu¹⁵⁵ with a half-life of 1,7 years transforms into Gd¹⁵⁵ by a β -decay. In this work the authors used Eu¹⁵⁵ extracted from the fission products of uranium. The concentrate was produced 6 1/2 years ago. Previous to the preparation of the source the sample was

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Investigation of the Radiation From Eu¹⁵⁵

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carefully purified from radioactive and from stable admixtures. The spectrum of Eu¹⁵⁵ was repeatedly investigated in the course of 8 months. The continuous spectrum arranged in the Curie-Fermi (Kyuri-Fermi) diagram showed 5 partial β -spectra. (See figure). The limit energy of 2 β -spectra well agrees with the data presented by other authors. A component with a limit energy of 185 ± 5 keV was found for the first time. The distribution of the intensities of partial spectra does not agree with the data of other authors. The results are given in table 1. The quantity $lg(ft)$ and the shape of the β -spectra led to the assumption that the continuous β -spectra of Eu¹⁵⁵ are superforbidden. $lg(ft)$ was computed according to the method of Moszczowski (Ref 9). A repeated investigation of the spectrum of the Eu¹⁵⁵ conversion electrons permitted to determine 63 conversion lines with a sufficient accuracy. 8 of those were considered to be due to the admixtures Eu¹⁵⁴ and Eu¹⁵² and 5 were caused by Auger electrons. The ratios $\frac{K}{L}$ which were determined experimentally, and those computed according to the tables by Sliv and Band (Ref 11) and of Dranitsyna (Ref 12) well agree with each other. The results of the investigation of the γ radiation of Eu¹⁵⁵ are given in table 2. In order to

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Investigation of the Radiation From Eu¹⁵⁵

SOV/48-22-8-7/20

check the existence of hard γ -quanta of low intensity which had not been recorded by the β - γ -spectrometer the preparation was investigated by means of a scintillation spectrometer with a 50 channel analyser (Ref 13) which was made available by Yu.A.Surkov. A number of γ -lines were found. All these transitions were considered to be due to the admixtures of Eu¹⁵⁴ and Eu¹⁵². The difficulty of identifying the β - and γ -radiation of Eu¹⁵⁵ was underlined as this isotope cannot easily be separated from the accompanying radioactive Eu¹⁵⁴ and Eu¹⁵² isotopes with complicated β - and γ -spectra. The most recent papers concerning the radiation from Eu¹⁵⁴ and Eu¹⁵² (Refs 14,15) are very contradictionary and do not furnish a rounded-off conception of the spectra. The authors expressed their gratitude to N.Ye. Brezhneva V.I.Levin, G.B.Korpusov, N.N.Motorina and V.A.Ivanov. There are 1 figure, 2 tables, and 15 references, 4 of which are Soviet.

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Investigation of the Radiation From Eu¹⁵⁵

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Card 4/4

GULEV, V S

Epp
.R91190

Formovka melkikh otlivok (Casting fine casts, by) V. S. Gulev, I. A. Osin.
Moskva, Mashgiz, 1954.
37 p. illus., diagrs. (Nauchno--populyarnaya biblioteka rabochego--
liteyshchika, vyp. 5)

GULEV, Ya.F.; RIDEL', E.I., red.; BULKIN, V.V., red.; KANDYKIN, A.Ye.,
tekhn.red.

[Standard technological operations at railroad stations and
sidings; practices of the Anzherskaya coal-loading station]
Minalia tekhnologicheskikh stantsii i pod'ezdnykh putei; opyt
ugleoprovodnoi stantsii Anzhereskaya. Moskva, Gos.transp.
zhel.dor.izd-vo, 1950. 48 p. (MIRA 12:3)
(Anzhero-Sudzhensk--Railroads--Freight)
(Coal--Transportation)

GULEV, YA. F., ED.

Obsluzhivaniye passazhirov na vokzalakh (Passenger service in stations) Koskva,
Transzhelizdat, 1950.
91 p. illus..

SO: N/5
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ASHIKHEMIN, A.K.; BUKANOV, M.A.; DLUGACH, B.A.; DOBROSEL'SKIY, K.M., inzhener;
KOSTREYKIN, A.A.; LEBEDEVA, T.P., NIKITIN, V.D.; PARHEROV, Ya.D.;
NIKITINA, V.D., professor, redaktor; GUL'EV, Ya.F., redaktor; VERINA,
G.P., tekhnicheskiy redaktor

[Handbook for hump yard workers] Rukovodstvo rabotnikam sortirovochnoi gori. Moskva, Gos. transp. zhel-dor. izd-vo, 1950. 222p
[Microfilm] (MLRA 10:1)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya
(Railroads--Hump yards)

KAPLIN, F.Sh.; SHAMAYEV, M.F.; GULEV, Ya.F., red.; KHITROV, P.A.,
tekhn. red.

[Manual for the weighmaster] Rukovodstvo vesovshchiku. Mo-
skva, Transzheleldorizdat, 1951. 323 p. (MIRA 16:7)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya.
(Railroads--Freight) (Weighing machines)

GULEV, Ya.F., redaktor; KHITROV, P.A., tekhnicheskiy redaktor.

[Train movement instructions for the U.S.S.R.] Instruktsiya po
dvisheniiu poездов на железных дорогах Союза ССР. Москва, Гос.
transportnoe zhel.-dor. izd-vo, 1953. 165 p. (MLRA 8:1)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya.
(Railroads--Traffic)

GULEV, Ya. P.

POTAPOV, V.P., redaktor; KANSHIN, M.D.; L'VITSYN, N.F.; MASTERITSYN, N.N.; NOZDRIN, A.A.; NIKITYUK, A.P.; PADNYA, V.A.; RIDEL', E.I.; PERAPONTOV, G.V.; SHAMAYEV, M.F.; SHATSKAYA, E.P.; GULEV, Ya. P., redaktor; VERINA, G.P., tekhnicheskiy redaktor.

[Advanced methods for workers in material handling] Peredovye metody truda kommercheskikh rabotnikov. Moskva, Gos. transp. zhel-dor. izd-vo, 1953. 262 p. [Microfilm]
(Material handling) (MLRA 7:11)

LOGINOV, N.G.; GULEV, Ya.F., redaktor; KHITROV, P.A., tekhnicheskiy redaktor.

[Manual on safety techniques for train make-up foremen and couplers]
Pamiatka po tekhnike bezopasnosti sostavitelei poezdov i staspehchiku
vagonov. Izd. 2. Moskva, Gos. transp. zhel-dor. izd-vo, 1954. 71 p.
(Railroads--Safety measures) (MLRA 8:1)

LEPSKIY, Abram Vladimirovich, kandidat tekhnicheskikh nauk; GULEV, Ya.F.,
redaktor; IVANOV, I.A.; DERIBAS, A.T.; KHITROV, P.A., tekhnicheskiy
redaktor.

[Organization and mechanization of loading lumber on railroad cars.]
Organizatsiya i mekhanizatsiya peregruzki lesomaterialov v vagony. Moskva,
Gos.transportnoe zhel-dor.izd-vo, 1955, 103 p. (Moscow Vsesoyuznyi
nauchno-issledovatel'skii institut zhelezno-dorozhnogo transporta.
Trudy, no.104).
(MLRA 9:7)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta zhelezno-
dorozhnogo transporta (for Ivanov). 2. Rukovoditel' otdeleniya promyshlen-
nego transporta (for Deribas).
(Lumber--Transportation) (Loading and unloading)

GULEV, Yakov Fedorovich, kandidat tekhnicheskikh nauk; BUNIN, I.N., redaktor;
VIRINT, G.P., tekhnicheskiy redaktor

[Baggage worker's manual] Spravochnik bagazhnogo rabotnika. Moskva,
Gos.transp.zhel-dor.isd-vo, 1955. 266 p. (MIRA 9:3)
(Railroads--Baggage)

ГУЛЕВ, Я.Р.

VICHIREVIN, A.Ye.; GULEV, Ya.R.; DACHUK, L.Ya.; DROBINSKIY, V.A.; KRYLOV,
S.K.; SHADUR, L.M.; SHILOVSKIY, V.A.; CHERNYSHEV, V.I., redaktor;
VERINA, G.P., tekhnicheskiy redaktor

[Railroad fundamentals] Osnovy zhelezodorozhnoego dela. Moskva,
Gos.transp.zhel-dor. izd-vo, 1955. 400 p. (MIRA 9:3)
(Railroads)